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AN ANALYSIS OF RECENT TRENDS IN
COURT COMMITMENTS TO THE
MASSACHUSETTS DEPARTMENT OF CORRECTION

GOVERNMENT DOCUMENTS
COLLECTION

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ABSTRACT

Recent interest in overcrowding and rising prison populations has fostered an interest in looking at trends in court commitments. While there is large annual variation, there has been no significant increase in commitments over the past ten years. Certain characteristics of the offender population have changed, however. There are proportionately more sex offenders and less drug offenders in recent years. Sentence length has increased for Walpole and Concord commitments. Level of education shifted upwards during the decade. Age at incarceration and prior incarceration history did not change.

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Introduction

Recent concern about overcrowded facilities and rising prison populations has prompted a look into the recent past to see what changes have occurred in the population of offenders that might have an impact on total population. This report reviews court commitments from 1970 to 1979 to see what impact this primary source of population might have on total population.

Total population in the Massachusetts Department of Correction went through several changes from 1970 to 1979. From 1970 to 1972 the custody population was about 2400. During 1972 it dropped to 2000 and remained there until 1974. The population climbed to 2700 during 1975 and 1976. Since 1976 the population increased more slowly to 2900. Figure 1 shows these changes in population.

There are two ways that court commitments might affect prison population. First, if the number of commitments is changing this would certainly have an impact on population. Second, even if the number of commitments is stable, other characteristics of the offender population may be changing in ways that affect population. Sentencing patterns, seriousness of offense and other background characteristics may change, resulting in overall population pressures.

This report will address each of these two factors. The number of annual commitments will be analyzed for trends and compared with actual population and capacity of facilities. Certain characteristics of offenders will then be explored for trends: offense, sentence, prior incarcerations, age at commitment and education. Other factors can affect prison populations as well (parole policy, good-conduct time) but will not be addressed here.

Daniel's Test for trends will be the statistical technique used to detect significance.¹ This is a non-parametric test that is useful in detecting trends with a small number of cases (N=10). For the size of this sample a test statistic (D) of 72 or less indicates statistically significant increase at the .05 level. A test statistic (D) of 258 or more indicates a statistically significant decrease at the .05 level. In most cases proportions rather than actual numbers were rank ordered.

¹Bradley, James V., Distribution-Free Statistical Tests, Prentice Hall, Inc., Englewood Cliffs, N.J. 1968.

Total Number of Commitments

There is a large amount of annual variation in the number of court commitments to the Department of Correction. Commitments appear to be cyclical in nature; for the past ten years commitments increased for two consecutive years and then decreased for two years. There is no indication of a trend towards increasing number of commitments (D=96). Figure 2 shows changes in the total number of commitments.

There have been large variations in the number of persons committed to each of the three committing institutions. Commitments ranged from 48 to 185 at Framingham, from 286 to 603 at Concord and from 389 to 618 at Walpole. There has been no statistically significant trend in commitments at any of the committing institutions (Framingham, D=112; Concord D=160; Walpole D=100). Figure 3 shows changes in the number of commitments at each committing institution.

Offense Categories

There has been a change in the distribution of offenses of new court commitments. Over the last ten years there was a significant increase in the proportion of sex offenders, from 7 percent in 1970 to 11 percent in 1979, and a decrease in the proportion of drug offenders, from 13 percent in 1970 to 6 percent in 1979. There was no significant trend in the proportion of person, property, and other offenses. Table I shows data on offense categories of new court commitments.

The distribution of offenses changed for each committing institution. For Walpole commitments, there is presently a larger proportion sex offenders, and a smaller proportion of drug offenders than earlier in the decade. For Concord commitments, there is a larger proportion of person and sex offenders and a smaller proportion of property and drug offenders. For Framingham there was an increase in person offenders and also an increase in property offenders; with a decrease in the proportion of drug offenders. Framingham had a large decrease in the proportion of offenders in the "other" offenses category. The decriminalization of drunkenness offenses in 1972 had some impact on the distribution of offenses. In 1978 the first sex offenders were committed to Framingham.

Sentence Length

There was an increase in sentence length for both Walpole and Concord commitments during this ten year period. In 1970 the median minimum Walpole sentence was 3 to 6 years; in 1979 the median fell in the range of 6 to 10 years. In 1970 94 percent of all Concord commitments were for a maximum term of 2 to 6 years; by 1979 that category accounted for only 21 percent of all commitments with most offenders receiving maximum sentences of more than 6 years. There was a decrease in the length of sentences given to Framingham commitments. In 1970 43 percent of commitments had a sentence length of less than one year; in 1979 70 percent of Framingham commitments were in this category (see Table 3).

Prior Incarcerations

There has been little change in the number of prior incarcerations of the people received as court commitments. Annually about 45 percent are received for whom this is their first commitment of any kind. Twenty-five percent have at least one prior juvenile incarceration and 24 percent at least one prior incarceration in a state or federal facility.

There were few directional trends for any of the committing institutions in the prior correctional experience of any of the offender groups received. As would be expected Walpole receives the smallest proportion of first offenders and a larger proportion of those with prior adult correctional experience. Walpole had a decrease in the proportion of commitments received with prior state or federal incarcerations. Concord commitments showed no trends in any of these areas. Framingham commitments had a trend towards increasing proportions of offenders with prior state incarcerations.

Age at Incarceration

There was no clear change in the age of offenders being committed to the department from 1970 to 1979. There was a significant decrease in the proportion of offenders under 18 being committed and an increase in offenders in the 25 to 29 age group. Both of these trends, while statistically significant, were not large and do not show any great change in the age distribution of the population. The modal age group in every year was the 21 to 24 year old group.

After controlling for committing institution, Concord is the only institution that shows a decrease in commitments under 18 and an increase in commitments aged 25 to 29. There was no significant changes in the distribution of age groups for Walpole commitments. Framingham commitments showed a decrease in the proportion of offenders over 40 years old and an increase in the proportion of offenders in the 25 to 29 year old age group. Again while these trends in age distribution are statistically significant, the size of that change is very small.

Last Grade Completed

From 1970 to 1979 there was a shift towards more education in the population of court commitments. This is evidenced by a significant decrease in the proportion of offenders having only a grade school education and a significant increase in the proportion of offenders having a GED or high school diploma. The modal educational level remains 9 to 11. This shift in educational attainment was realized at all three committing institutions (see Tables 8 & 9).

Summary

Court commitments showed great annual variation during the period 1970 to 1979. There was no indication of any linear trend towards increasing or decreasing court commitments during this time. The number of court commitments alone can not explain changes in custody population, in particular the increase in population from 1975 to the present.

Some characteristics of the offender population may explain some of the rise in population. In particular sentencing patterns for Walpole and Concord commitments show clear trends toward longer sentences. Any further changes in sentencing practices such as mandatory sentences may have similar results on the total population. Offense may also have an impact on population. There was an increase in sex offenders and a decrease in drug offenders. If the former group are limited in their parole eligibility this will affect population.

There is no indication that the department is getting more serious offenders, that is offenders with a more extensive history of involvement with corrections. The age distribution of offenders also shows little systematic change. The changes that were noted were toward a somewhat older offender group.

Educational level increased during the past ten years. What relation this fact may have on prison populations remains to be shown. This increase is likely a reflection of a general increase in the educational attainment of the total population as well as an increased use of the G.E.D. examination.

FIGURE 1
AVERAGE DAILY CUSTODY POPULATION,
JANUARY 1970 to DECEMBER 1979

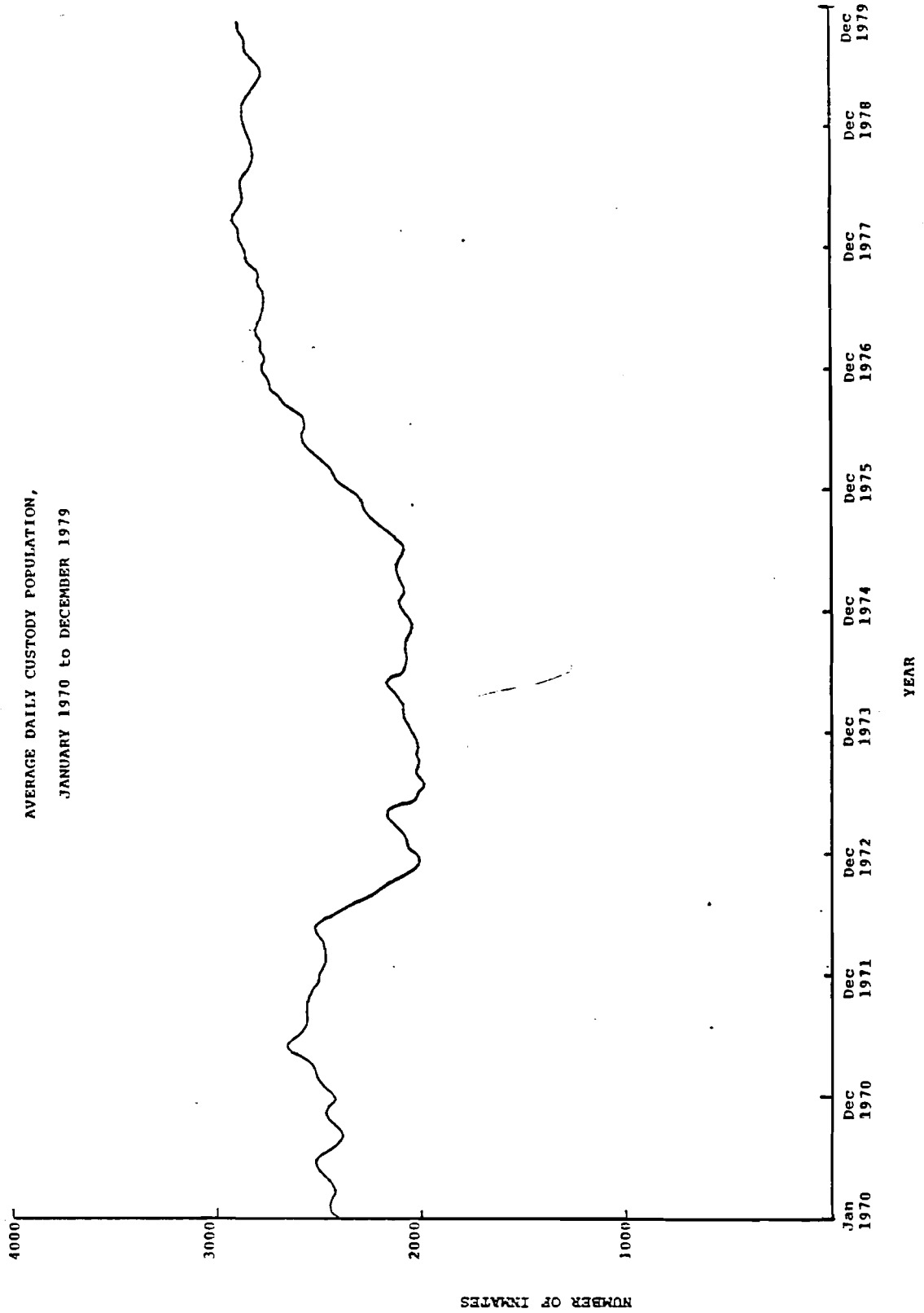


Figure 2.
Court Commitments to Mass.
DOC, 1970 to 1979

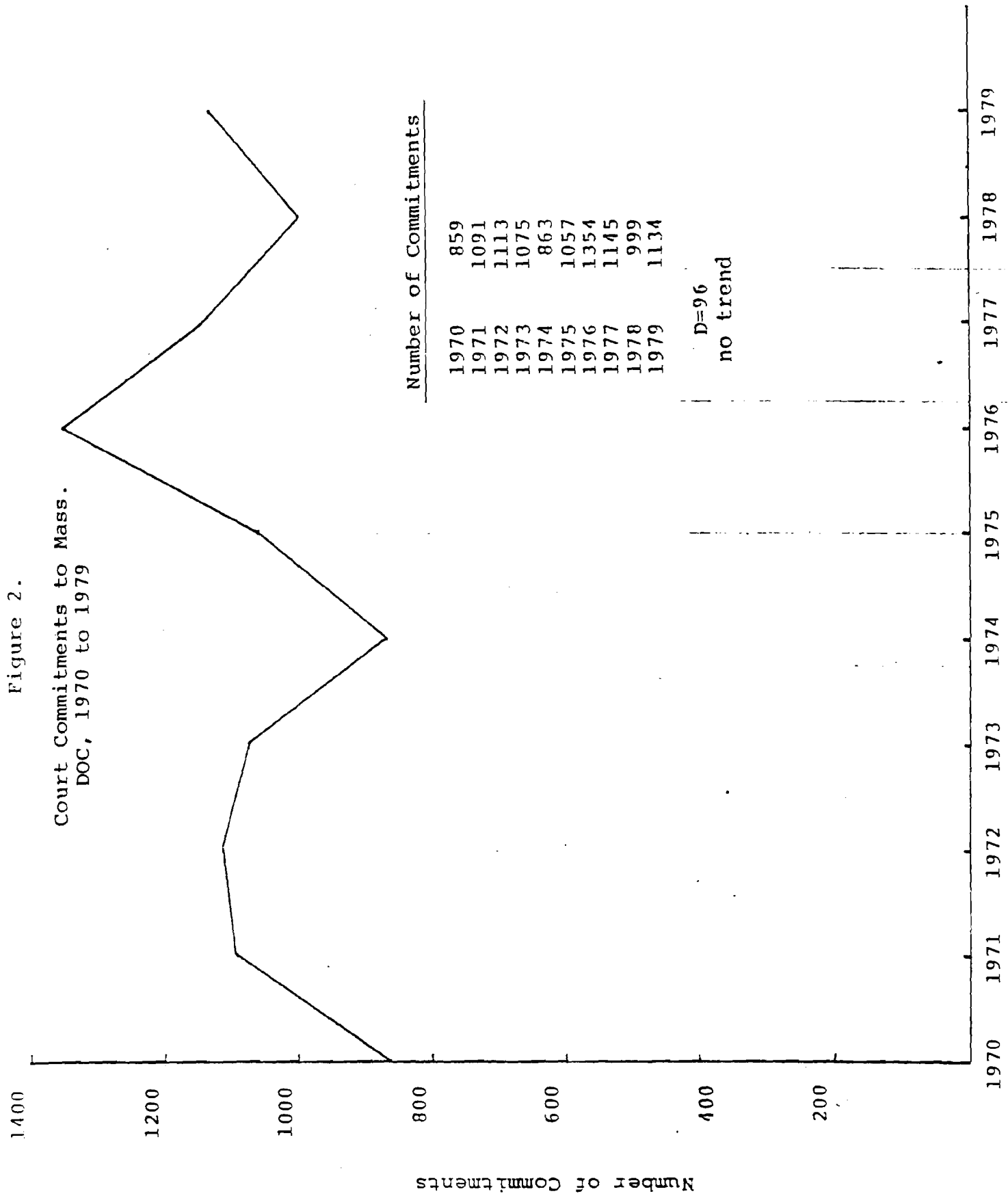
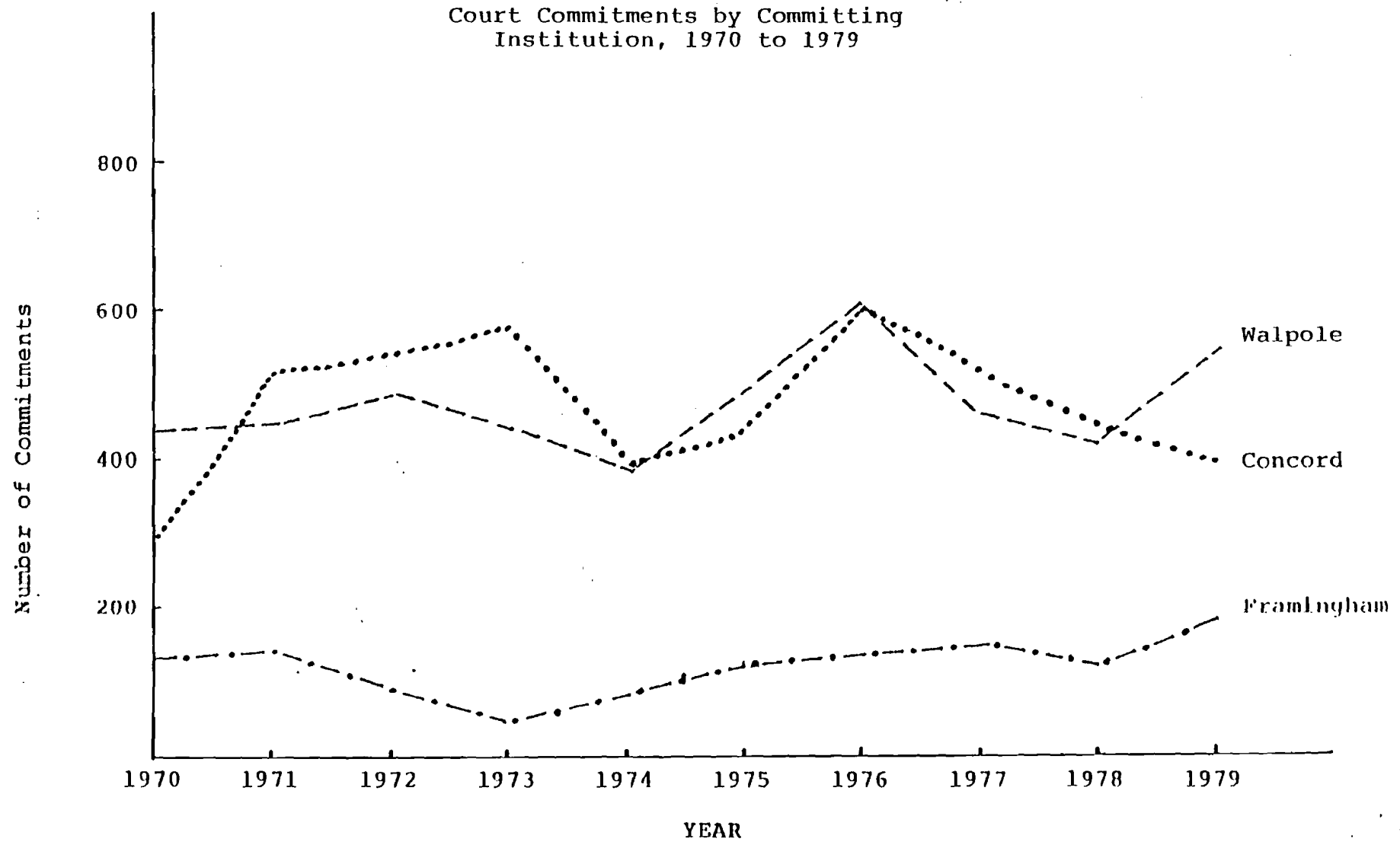


Figure 3.



Walpole	439	443	484	389	481	618	467	430	548	D=100	no tren
Concord	286	504	537	577	390	454	603	520	445	D=160	no tren
Framingham	134	144	92	48	84	122	133	158	124	D=112	no tren

TABLE I

PRESENT OFFENSE CATEGORY, COURT COMMITMENTS TO MASSACHUSETTS DOC 1970 TO 1979

<u>OFFENSE CATEGORY</u>	<u>1970</u>		<u>1971</u>		<u>1972</u>		<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>1978</u>		<u>1979</u>	
	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>
Person	370	43.1	473	43.4	518	46.5	666	61.9	537	62.2	645	61.0	826	61.0	710	62.0	578	57.8	624	55.0
Sex	59	6.9	63	5.8	75	6.7	75	7.0	71	8.2	97	9.2	133	9.5	105	10.5	122	10.5	122	10.8
Property	226	26.3	301	27.6	252	22.6	165	15.3	124	14.4	148	14.0	210	15.5	185	16.2	203	20.3	240	21.2
Drug	114	13.3	176	16.1	204	18.3	127	11.8	87	10.1	99	9.4	104	7.7	69	6.0	55	5.5	69	6.1
Other	90	10.5	78	7.1	64	5.8	42	3.9	44	5.1	68	6.4	81	6.0	72	6.3	58	5.8	79	7.0
TOTAL	859	100.0	1091	100.0	1113	100.0	1075	100.0	863	100.0	1057	100.0	1354	100.0	1145	100.0	999	100.0	1134	100.0

PRESENT OFFENSE CATEGORY
TEST FOR TRENDS RESULTS

<u>OFFENSE CATEGORY</u>	<u>D</u>	<u>TREND</u>
Person	96	No Trend
Sex	8	Increase
Property	224	No Trend
Drug	316	Decrease
Other	186	No Trend

TABLE II
OFFENSE CATEGORIES BY COMMITTING INSTITUTION, 1970 TO 1979

	1970		1971		1972		1973		1974		1975		1976		1977		1978		1979	
	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X
<u>WALPOLE</u>																				
Person	238	54.2	252	56.9	271	56.0	310	68.9	260	66.8	311	64.6	407	65.8	300	64.2	233	54.2	330	60.2
Sex	44	10.0	41	9.2	41	8.5	44	9.8	48	12.3	71	14.8	69	11.2	63	13.5	71	16.5	87	15.9
Property	87	19.8	81	18.3	63	13.0	38	8.4	32	8.2	34	7.1	65	10.5	58	13.4	78	18.1	87	15.9
Drug	58	13.2	59	13.3	83	17.1	41	9.1	41	10.5	46	9.6	52	8.4	34	7.3	28	6.5	24	4.4
Other	12	2.7	10	2.2	26	5.4	17	3.8	8	2.0	19	4.0	25	4.0	12	3.6	20	4.6	20	3.6
TOTAL	439	100.0	443	100.0	484	100.0	450	100.0	389	100.0	481	100.0	618	100.0	467	100.0	430	100.0	548	100.0
<u>CONCORD</u>																				
Person	116	40.6	196	38.9	231	43.0	346	60.0	251	64.4	307	67.6	390	64.7	363	69.8	305	68.5	252	62.8
Sex	15	5.2	22	4.4	34	6.3	31	5.4	23	5.9	26	5.7	64	10.6	46	8.8	31	7.0	34	8.5
Property	114	39.9	182	36.1	163	30.4	118	20.4	80	20.5	78	17.2	103	17.1	77	14.8	85	19.1	90	22.4
Drug	36	12.6	93	18.4	98	18.2	70	12.1	32	8.2	36	7.9	36	6.0	21	4.0	16	3.6	18	4.5
Other	5	1.7	11	2.2	11	2.0	12	2.1	4	1.0	7	1.5	10	1.6	13	2.5	8	1.8	7	1.7
TOTAL	286	100.0	504	100.0	537	100.0	577	100.0	390	100.0	454	100.0	603	100.0	520	100.0	445	100.0	401	100.0
<u>FRAMINGHAM</u>																				
Person	16	11.9	25	17.4	16	17.4	10	20.8	26	31.0	27	22.1	29	21.8	47	29.7	40	32.2	42	22.7
Sex	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	3	2.4	1	.5
Property	25	18.6	38	26.4	26	28.3	9	18.8	12	14.3	36	29.5	42	31.6	50	31.6	40	32.2	63	34.1
Drug	20	14.9	24	16.7	23	25.0	16	33.3	14	16.7	17	13.9	16	12.0	14	8.9	11	8.9	27	14.6
Other	73	54.5	57	39.6	27	29.3	13	27.1	32	38.1	42	34.4	46	34.6	47	29.7	30	24.2	52	28.1
TOTAL	134	100.0	144	100.0	92	100.0	48	100.0	84	100.0	122	100.0	133	100.0	158	100.0	124	100.0	185	100.0
GRAND TOTAL	859	100.0	1091	100.0	1113	100.0	1075	100.0	863	100.0	1057	100.0	1354	100.0	1145	100.0	999	100.0	1134	100.0

TABLE II

PRESENT OFFENSE CATEGORY BY COMMITTING INSTITUTION
TEST FOR TRENDS RESULTS

<u>OFFENSE CATEGORY</u>	<u>D</u>	<u>TREND</u>
<u>WALPOLE</u>		
Person	152	No Trend
Sex	26	Increase
Property	202	No Trend
Drug	316	Decrease
Other	130	No Trend
<u>CONCORD</u>		
Person	36	Increase
Sex	35	Increase
Property	274	Decrease
Drug	318	Decrease
Other	194	No Trend
<u>FRAMINGHAM</u>		
Person	30	Increase
Sex	-	Not Applicable
Property	26	Increase
Drug	48	Decrease
Other	64	Decrease

TABLE III

SENTENCE LENGTH BY COMMITTING INSTITUTION 1970 TO 1979

	1970		1971		1972		1973		1974		1975		1976		1977		1978		1979	
	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X
WALPOLE-MINIMUM																				
Less than 3 Years	59	13.4	42	9.5	48	9.9	34	7.6	29	7.4	20	4.2	27	4.4	23	4.9	11	2.6	17	3.1
3 to 6 Years	257	58.5	268	60.5	256	52.9	207	46.0	171	44.0	209	43.4	272	44.0	209	44.8	192	44.6	229	41.8
6 to 10 Years	56	12.8	65	14.7	104	21.5	114	25.3	88	2.6	105	21.8	137	22.2	126	27.0	123	28.6	159	29.0
More Than 10 Years	32	7.3	38	8.6	38	7.8	53	11.8	48	12.3	82	17.0	113	18.3	59	12.6	70	16.3	97	17.7
Life	33	7.5	28	6.3	32	6.6	38	8.4	52	13.4	65	13.5	69	11.2	50	10.7	34	7.9	46	8.4
Death	2	0.4	2	0.4	6	1.2	4	0.9	1	0.2	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
TOTAL	439	100.0	443	100.0	484	100.0	450	100.0	389	100.0	481	100.0	618	100.0	467	100.0	430	100.0	548	100.0
CONCORD-MAXIMUM																				
Less than 2 Years	15	5.2	42	8.3	120	22.3	185	32.1	116	29.7	100	22.0	115	19.1	115	22.1	69	15.5	61	15.2
2 to 6 Years	269	94.0	441	87.5	397	73.9	267	46.3	143	36.7	147	32.4	169	28.0	148	28.5	125	28.1	86	21.4
6 to 10 Years	2	0.7	21	4.2	19	3.5	104	18.0	100	25.6	132	29.1	157	26.0	110	21.2	118	26.5	127	31.7
More than 10 Years	0	0.0	0	0.0	1	0.2	21	3.6	31	7.9	75	16.5	162	26.9	147	28.3	133	29.9	127	31.7
TOTAL	286	100.0	504	100.0	537	100.0	577	100.0	390	100.0	454	100.0	602	100.0	520	100.0	445	100.0	401	100.0
FRAMINGHAM-MAXIMUM																				
Less than 1 Year	58	43.3	49	34.0	30	32.6	12	25.0	34	40.5	66	54.1	79	59.4	94	59.5	55	44.4	129	69.7
1 to 2 Years	36	26.9	28	19.4	25	27.2	21	43.8	20	23.8	28	23.0	26	19.5	35	22.2	29	23.4	40	21.6
More than 2 Years	40	29.8	67	46.5	37	40.2	15	31.2	30	35.7	28	23.0	28	21.0	29	18.4	40	32.2	16	8.6
TOTAL	134	100.0	144	100.0	92	100.0	48	100.0	84	100.0	122	100.0	133	100.0	158	100.0	124	100.0	185	100.0
GRAND TOTAL	859	100.0	1091	100.0	1113	100.0	1075	100.0	863	100.0	1057	100.0	1354	100.0	1145	100.0	999	100.0	1134	100.0

TABLE III

SENTENCE LENGTH BY COMMITTING INSTITUTION
TEST FOR TRENDS RESULTS

	<u>D</u>	<u>DIRECTION</u>
WALPOLE - MINIMUM SENTENCE		
Less than 3 years	318	Decrease
3 to 6 years	292	Decrease
6 to 10 years	18	Increase
More than 10 years	24	Increase
Life	94	No Trend
Death	-	Not Applicable
CONCORD - MAXIMUM SENTENCE		
Less than 2 years	156	No Trend
2 to 6 years	324	Decrease
6 to 10 years	22	Increase
More than 10 years	2	Increase
FRAMINGHAM - MAXIMUM SENTENCE		
Less than 1 year	40	Increase
1 to 2 years	226	No Trend
More than 2 years	270	Decrease

TABLE IV
PRIOR INCARCERATIONS

	<u>1970</u>		<u>1971</u>		<u>1972</u>		<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>1978</u>		<u>1979</u>	
	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X
First Commitment	291	33.9	587	53.8	499	44.8	534	49.7	369	42.8	481	45.5	602	44.5	488	42.6	487	48.7	560	49.4
Prior Juvenile	262	30.5	234	21.4	257	23.1	295	27.4	218	25.3	244	23.1	331	24.4	273	23.8	224	22.4	323	28.5
Prior State/Federal	237	27.6	194	17.8	274	24.6	249	23.2	209	24.2	237	22.4	299	22.1	274	23.9	234	23.4	299	26.4
(TOTAL COMMITMENTS)	(859)		(1091)		(1113)		(1075)		(863)		(1057)		(1354)		(1145)		(999)		(1134)	

PRIOR INCARCERATIONS
TESTS FOR TRENDS RESULTS

	D	TREND
First Commitment	150	No Trend
Prior Juvenile	172	No Trend
Prior State/Federal	166	No Trend

TABLE V
PRIOR INCARCERATIONS BY COMMITTING INSTITUTION, 1970 TO 1979

	<u>1970</u>		<u>1971</u>		<u>1972</u>		<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>1978</u>		<u>1979</u>	
	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X
WALPOLE																				
First Commitment	122	27.8	152	34.3	178	36.8	177	39.3	131	33.7	174	36.2	206	33.3	147	31.5	162	37.7	212	38.7
Prior Juvenile	145	33.0	131	29.6	132	27.3	132	29.3	105	27.0	130	27.0	184	29.8	140	30.0	107	24.9	164	29.9
Prior State/Federal	179	40.8	155	35.0	184	38.0	156	34.7	131	33.7	168	34.9	213	34.5	186	39.8	144	33.5	180	32.8
(TOTAL COMMITMENTS)	(439)		(443)		(484)		(450)		(389)		(481)		(618)		(467)		(430)		(548)	
CONCORD																				
First Commitment	110	38.5	359	71.2	276	51.4	324	56.2	187	47.9	243	53.5	334	55.4	264	50.8	255	57.3	248	61.8
Prior Juvenile	105	36.7	86	17.1	118	22.0	157	27.2	100	25.6	100	22.0	134	22.2	122	23.5	89	20.0	103	25.7
Prior State/Federal	41	14.3	24	4.8	72	13.4	80	13.9	57	14.6	45	9.9	59	9.8	56	10.8	46	10.3	46	11.5
(TOTAL COMMITMENTS)	(286)		(504)		(537)		(577)		(390)		(454)		(603)		(520)		(445)		(401)	
FRAMINGHAM																				
First Commitment	59	44.0	76	52.8	45	48.9	33	68.8	51	60.7	64	52.4	62	46.6	77	48.7	70	56.4	100	54.0
Prior Juvenile	12	9.0	17	11.8	7	7.6	6	12.5	13	15.5	14	11.5	13	9.8	11	7.0	28	22.6	56	30.3
Prior State/Federal	17	12.7	15	10.4	18	19.6	13	27.1	21	25.0	24	19.7	27	20.3	32	20.2	44	35.5	73	39.4
(TOTAL COMMITMENTS)	(134)		(144)		(92)		(48)		(84)		(122)		(133)		(158)		(124)		(185)	

TABLE V

PRIOR INCARCERATIONS BY COMMITTING INSTITUTION
TEST FOR TRENDS RESULTS

	D	TREND
WALPOLE		
First Commitment	116	No Trend
Prior Juvenile	186	No Trend
Prior State/Federal	276	Decrease
CONCORD		
First Commitment	112	No Trend
Prior Juvenile	176	No Trend
Prior State/Federal	206	No Trend
FRAMINGHAM		
First Commitment	130	No Trend
Prior Juvenile	98	No Trend
Prior State/Federal	36	Increase

TABEL VI
AGE AT INCARCERATION, NEW COURT COMMITMENTS 1970 TO 1970

	<u>1970</u>		<u>1971</u>		<u>1972</u>		<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>1978</u>		<u>1979</u>	
	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X
Under 18	38	4.4	47	4.3	51	4.6	42	3.9	37	4.3	29	2.7	53	3.9	35	3.0	16	1.6	25	2.2
18 to 20	175	20.4	265	24.3	257	23.1	276	25.7	215	24.9	234	22.1	324	23.9	293	25.6	236	23.6	268	23.6
21 to 24	245	28.5	344	31.5	347	31.2	359	33.4	258	29.9	348	32.9	438	32.3	332	29.0	302	30.2	361	31.8
25 to 29	164	19.1	209	19.2	209	18.8	200	18.6	173	20.0	242	22.9	299	22.1	263	23.0	216	21.6	228	20.1
30 to 39	132	15.4	143	13.1	176	15.8	144	13.4	121	14.0	139	13.2	178	13.1	163	14.2	153	15.3	167	14.7
Over 40	105	12.2	83	7.6	73	6.6	54	5.0	59	6.8	65	6.1	62	4.6	59	5.2	76	7.6	85	7.5
TOTAL	859	100.0	1091	100.0	1113	100.0	1075	100.0	863	100.0	1057	100.0	1354	100.0	1145	100.0	999	100.0	1134	100.0

AGE GROUP	D	TREND
Under 18	314	Decrease
18 to 20	138	No Trend
21 to 24	140	No Trend
25 to 29	52	Increase
30 to 39	162	No Trend
Over 40	214	No Trend

TABLE VII

	1970		1971		1972		1973		1974		1975		1976		1977		1978		1979	
WALPOLE	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X
Under 18	5	1.1	2	0.4	8	1.6	4	0.9	5	1.3	3	0.6	10	1.6	5	1.1	5	1.2	4	0.7
18 to 20	52	11.8	50	11.3	45	9.3	72	16.0	61	15.7	67	13.9	95	15.4	49	10.5	47	10.9	95	17.3
21 to 24	122	27.8	112	25.3	105	21.7	121	26.9	86	22.1	124	25.8	163	26.4	116	24.8	89	20.7	135	24.6
25 to 29	108	24.6	119	26.9	140	28.9	102	22.7	101	26.0	131	27.2	168	27.2	145	31.0	115	26.7	137	25.0
30 to 39	104	23.7	112	25.3	131	27.1	108	24.0	89	22.9	100	20.8	134	21.7	114	24.4	115	26.7	117	21.4
Over 40	48	10.9	48	10.8	55	11.4	43	9.6	47	12.1	56	11.6	48	7.8	38	8.1	59	13.7	60	10.9
TOTAL	439	100.0	443	100.0	484	100.0	450	100.0	389	100.0	481	100.0	618	100.0	467	100.0	430	100.0	548	100.0
CONCORD																				
Under 18	29	10.1	38	7.5	43	8.0	37	6.4	29	7.4	23	5.1	39	6.5	26	5.0	9	2.0	16	4.0
18 to 20	98	34.3	106	36.9	194	36.1	197	34.1	137	35.1	144	31.7	203	33.7	198	38.1	166	37.3	138	34.4
21 to 24	102	35.7	194	38.5	208	38.7	222	38.5	150	38.5	173	38.1	216	35.8	177	34.0	172	38.6	170	42.4
25 to 29	39	13.6	66	13.1	59	11.0	88	15.2	53	13.6	80	17.6	105	17.4	85	16.3	69	15.5	55	13.7
30 to 39	12	4.2	18	3.6	30	5.6	28	4.8	16	4.1	29	6.4	30	5.0	29	5.6	24	5.4	19	4.7
Over 40	6	2.1	2	0.4	3	0.6	5	0.9	5	1.3	5	1.1	10	1.6	5	1.0	5	1.1	3	0.7
TOTAL	286	100.0	504	100.0	537	100.0	577	100.0	390	100.0	454	100.0	603	100.0	520	100.0	445	100.0	401	100.0
FRAMINGHAM																				
Under 18	4	3.0	7	4.9	1	1.1	1	2.1	3	3.6	3	2.4	4	3.0	4	2.5	2	1.6	5	2.7
18 to 20	25	18.6	29	20.1	19	20.6	7	14.6	17	20.2	23	8.8	26	19.5	46	29.1	23	18.5	35	18.9
21 to 24	21	15.7	38	26.4	31	33.7	16	33.3	21	25.0	51	41.8	59	44.4	39	24.7	41	33.1	56	30.3
25 to 29	17	12.7	24	16.7	10	10.9	10	20.8	20	23.8	31	25.4	26	19.5	33	20.9	32	25.8	36	19.4
30 to 39	16	11.9	13	9.0	15	16.3	8	16.7	16	19.0	10	8.2	14	10.5	20	12.6	14	11.3	31	16.8
Over 40	51	38.0	33	22.9	16	17.4	6	12.5	7	8.3	4	3.3	4	3.0	16	10.1	12	9.7	22	11.9
TOTAL	134	100.0	144	100.0	92	100.0	48	100.0	84	100.0	122	100.0	133	100.0	158	100.0	124	100.0	185	100.0
GRAND TOTAL																				

TABLE VII

AGE AT INCARCERATION BY COMMITTING INSTITUTION
TEST FOR TRENDS RESULTS

WALPOLE

Under 18	166	No Trend
18 to 20	130	No Trend
21 to 24	238	No Trend
25 to 29	136	No Trend
30 to 39	212	No Trend
Over 40	146	No Trend

CONCORD

Under 18	316	Decrease
18 to 20	142	No Trend
21 to 24	136	No Trend
25 to 29	70	Increase
30 to 39	108	No Trend
Over 40	158	No Trend

FRAMINGHAM

Under 18	200	No Trend
18 to 20	166	No Trend
21 to 24	124	No Trend
25 to 29	70	Increase
30 to 39	143	No Trend
Over 40	270	Decrease

TABLE VIII.
LAST GRADE COMPLETED

	<u>1970</u>		<u>1971</u>		<u>1972</u>		<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>1978</u>		<u>1979</u>	
	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>	<u>N</u>	<u>X</u>
1 - 8	346	40.7	364	34.1	256	28.6	316	31.3	251	30.8	281	27.6	367	27.9	294	27.1	215	22.8	269	24.7
9 - 11	352	41.4	489	45.8	402	44.9	456	45.1	371	45.6	425	41.8	560	42.6	488	45.0	389	41.3	484	44.5
GED/High School Grad.	105	12.4	159	14.9	202	22.5	195	19.3	161	19.8	250	24.6	321	24.4	242	22.3	269	28.6	299	27.5
College Education	47	5.5	56	5.2	36	4.0	43	4.2	31	3.8	61	6.0	66	5.0	61	5.6	69	7.3	36	3.3
Unknown	9	-	23	-	217	-	65	-	49	-	40	-	40	-	60	-	57	-	46	-
TOTAL	859	100.0	1091	100.0	1113	100.0	1075	100.0	863	100.0	1057	100.0	1354	100.0	1145	100.0	999	100.0	1134	100.0

EDUCATIONAL LEVEL

D

TREND

1 - 8

320

Decrease

9-11

214

No Trend

GED/Diploma

26

Increase

College

156

No Trend

TABLE IX
LAST GRADE COMPLETED BY COMMITTING INSTITUTION 1970 TO 1979

	<u>1970</u>		<u>1971</u>		<u>1972</u>		<u>1973</u>		<u>1974</u>		<u>1975</u>		<u>1976</u>		<u>1977</u>		<u>1978</u>		<u>1979</u>	
	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X	N	X
WALPOLE																				
1-8	191	44.2	181	41.9	127	30.2	143	34.7	122	33.5	131	28.1	193	32.0	129	29.0	95	23.2	147	27.6
9-11	156	36.1	165	38.2	177	42.1	170	41.3	159	43.7	182	39.0	233	38.6	178	40.1	148	36.2	223	41.8
High School Grad.	55	12.7	64	14.8	97	23.1	79	19.2	73	20.0	123	26.4	148	24.5	108	24.3	123	30.1	140	26.3
College Educ.	30	6.9	22	5.1	19	4.5	20	4.8	10	2.7	30	6.4	30	5.0	29	6.5	43	10.5	23	4.3
Unknown	7	-	11	-	64	-	38	-	25	-	15	-	14	-	23	-	21	-	15	-
TOTAL	439	100.0	443	100.0	484	100.0	450	100.0	389	100.0	481	100.0	618	100.0	467	100.0	430	100.0	548	100.0
CONCORD																				
1-8	122	43.0	149	30.0	116	28.4	165	29.8	105	27.5	130	29.4	155	26.2	139	28.0	102	24.2	94	24.5
9-11	127	44.7	253	51.0	188	46.0	262	47.3	189	49.5	186	42.1	272	45.9	232	46.7	185	43.9	178	46.5
High School Grad.	23	8.1	68	13.7	90	22.0	105	19.0	72	18.8	101	22.8	134	22.6	104	20.9	119	28.3	104	27.2
College Educ.	12	4.2	26	5.2	15	3.7	22	4.0	16	4.1	25	5.6	31	5.2	22	4.4	15	3.6	7	1.8
Unknown	2	-	8	-	128	-	23	-	8	-	12	-	11	-	23	-	24	-	18	-
TOTAL	286	100.0	504	100.0	537	100.0	577	100.0	390	100.0	454	100.0	603	100.0	520	100.0	445	100.0	401	100.0
FRAMINGHAM																				
1-8	33	24.6	34	24.3	13	19.4	8	18.2	24	35.3	20	18.3	19	16.1	26	18.0	18	16.1	28	16.3
9-11	69	51.5	71	50.7	37	55.2	24	54.5	23	33.8	57	52.3	55	46.6	78	54.2	56	50.0	83	48.2
High School Grad.	27	20.1	27	19.3	15	22.4	11	25.0	16	23.5	26	23.8	39	33.0	30	20.8	27	24.1	55	32.0
College Educ.	5	3.7	8	5.7	2	3.0	1	2.3	5	7.4	6	5.5	5	4.2	10	6.9	11	9.8	6	3.5
Unknown	0	-	4	-	25	-	4	-	16	-	13	-	15	-	14	-	12	-	13	-
TOTAL	134	100.0	144	100.0	92	100.0	48	100.0	84	100.0	122	100.0	133	100.0	158	100.0	124	100.0	185	100.0

TABLE IX

LAST GRADE COMPLETED BY COMMITTING INSTITUTION
TEST FOR TRENDS RESULTS

WALPOLE

1 - 8	308	Decrease
9 - 11	138	No Trend
GED/Diploma	24	Increase
College	166	No Trend

CONCORD

1 - 8	310	Decrease
9 - 11	204	No Trend
GED/Diploma	28	Increase
College	222	No Trend

FRAMINGHAM

1 - 8	296	Decrease
9 - 11	224	No Trend
GED/Diploma	58	Increase
College	114	No Trend